

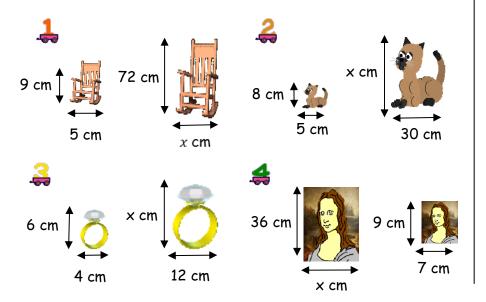
Homework 3

Bronze Level



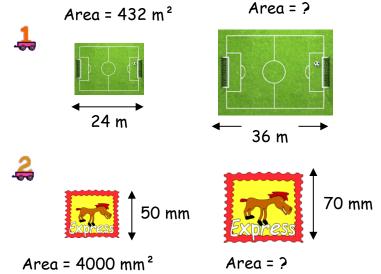
Outcome 1 - Similar Shapes (small → large)

The following shapes are mathematically similar. Calculate the length of the missing sides...



Outcome 2 - Similar Areas

The following objects are mathematically similar. Calculate the missing areas...



Outcome 3 - Similar Volumes

The following objects are mathematically similar. Calculate the missing volumes...



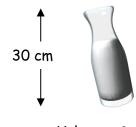
Volume = 300 mm³



Volume = ?



Volume = 270 cm³



Volume = ?